

FIG. / A

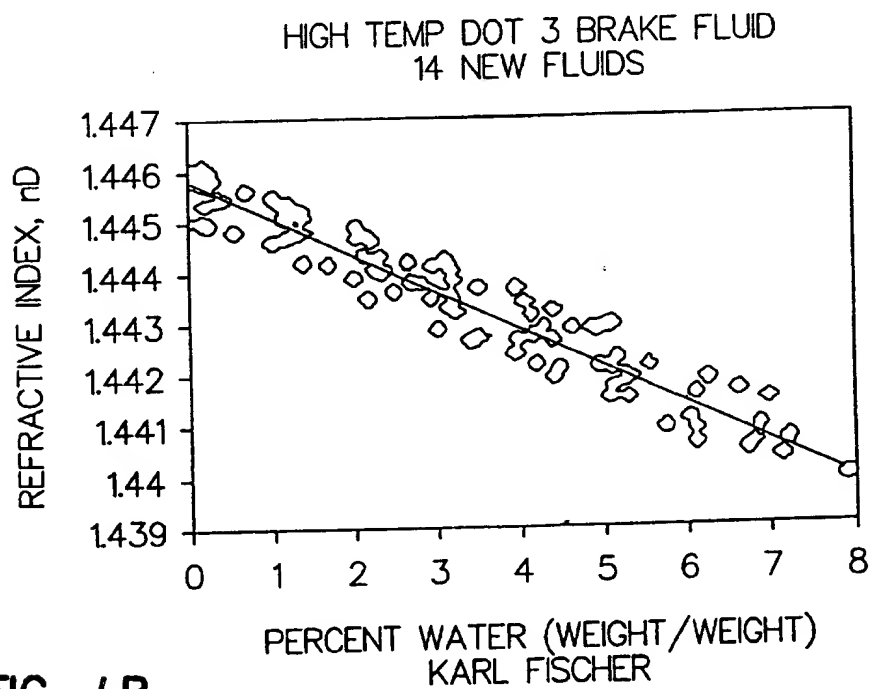


FIG. / B

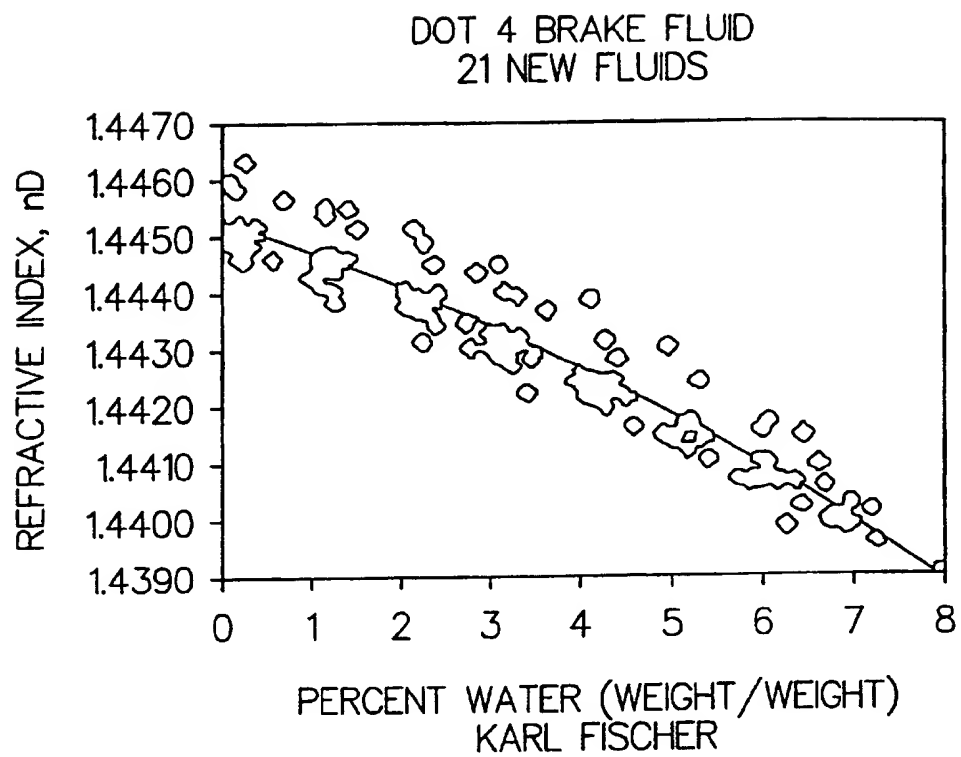


FIG. 1 C

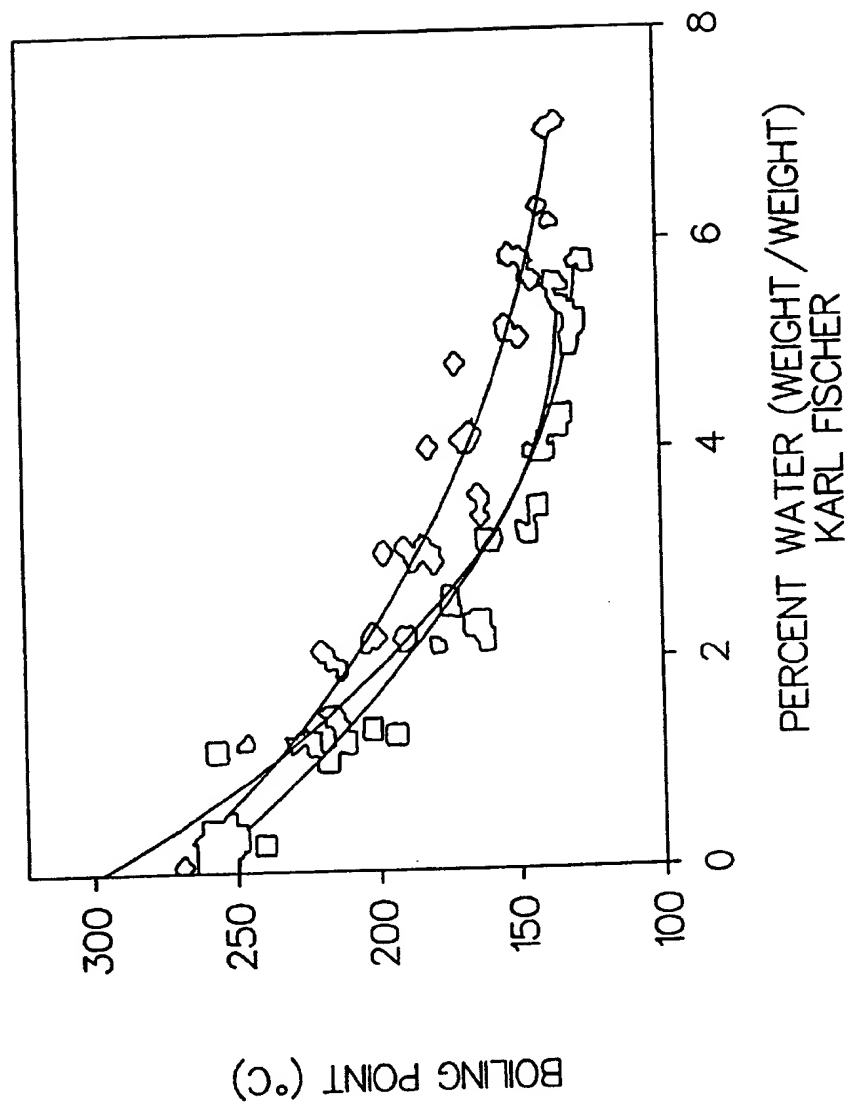


FIG. 2

DOT 3, N=7

	BOILING POINT	PERCENT H ₂ O (WT./WT.)	REFRACTIVE INDEX, n _D
FRESH BOILING POINT	252 C. +/- 7 C.	0.23 +/- 0.14	1.4435 +/- 0.0004
RANGE	240-262 C.	0.06-0.42	1.4428-1.4440
MIN. DRY BOILING POINT	250 C.	1.15 +/- 0.38	1.4429 +/- 0.0004
RANGE			
MIN. WET BOILING POINT	140 C.	4.4 +/- 0.3	1.4406 +/- 0.0004
RANGE			

HIGH TEMP DOT 3, N = 6

FRESH BOILING POINT	281 C.	0.14	1.4457
	+/- 18 C.	+/- 0.07	+/- 0.0004
RANGE	263-305 C.	0.07-.26	1.4449-1.4460
MIN. DRY BOILING POINT	205 C.	1.56	1.4447
		+/- 0.35	+/- 0.0004
MIN. WET BOILING POINT	140 C.	4.65	1.4425
		+/- 0.39	+/- 0.0004

DOT 4, N = 9

FRESH BOILING POINT	259 C.	0.18	1.4452
	+/- 18 C.	+/- 0.08	+/- 0.0005
RANGE	248-264 C.	0.06-0.30	1.4448-1.4462
MIN. DRY BOILING POINT	230 C.	1.11	1.4447
		+/- 0.28	+/- 0.0005
MIN. WET BOILING POINT	155 C.	5.1	1.4418
		+/- 0.46	+/- 0.0005

FIG. 3

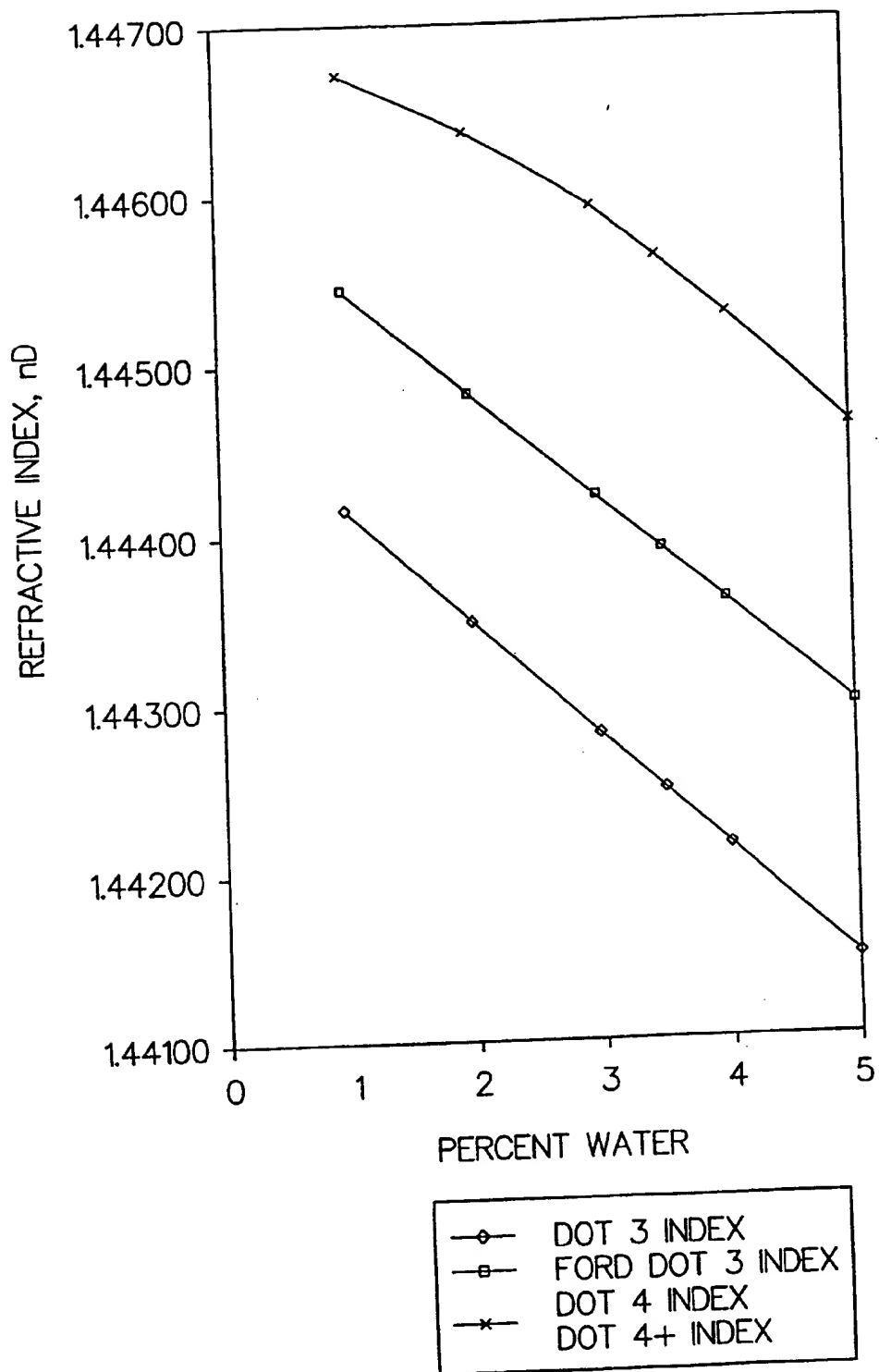


FIG. 4

WATER CONCENTRATION PERCENT (WEIGHT/WEIGHT)	DOT 3 N = 9	DOT 4 N = 7
NEW	-0.00038 +/- 0.00002	-0.00041 +/- 0.00004
2%	-0.00038 +/- 0.00003	-0.00040 +/- 0.00004
4%	-0.00039 +/- 0.00002	-0.00039 +/- 0.00003
6%	-0.00037 +/- 0.00003	-0.00038 +/- 0.00002
USED FLUID, N = 101	-0.00037 +/- 0.000014	

FIG. 5

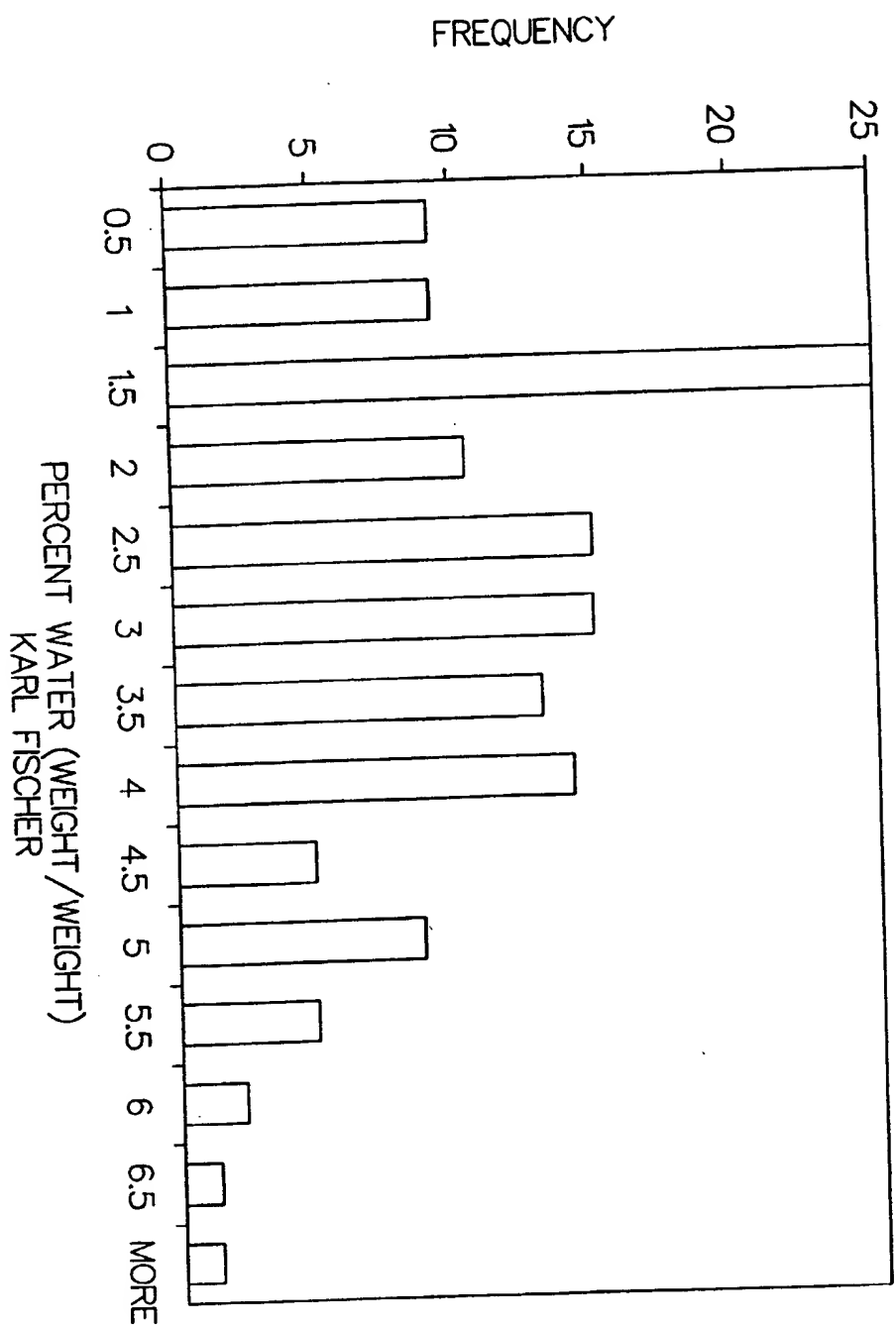


FIG. 6

IN USE VEHICLES
N = 125

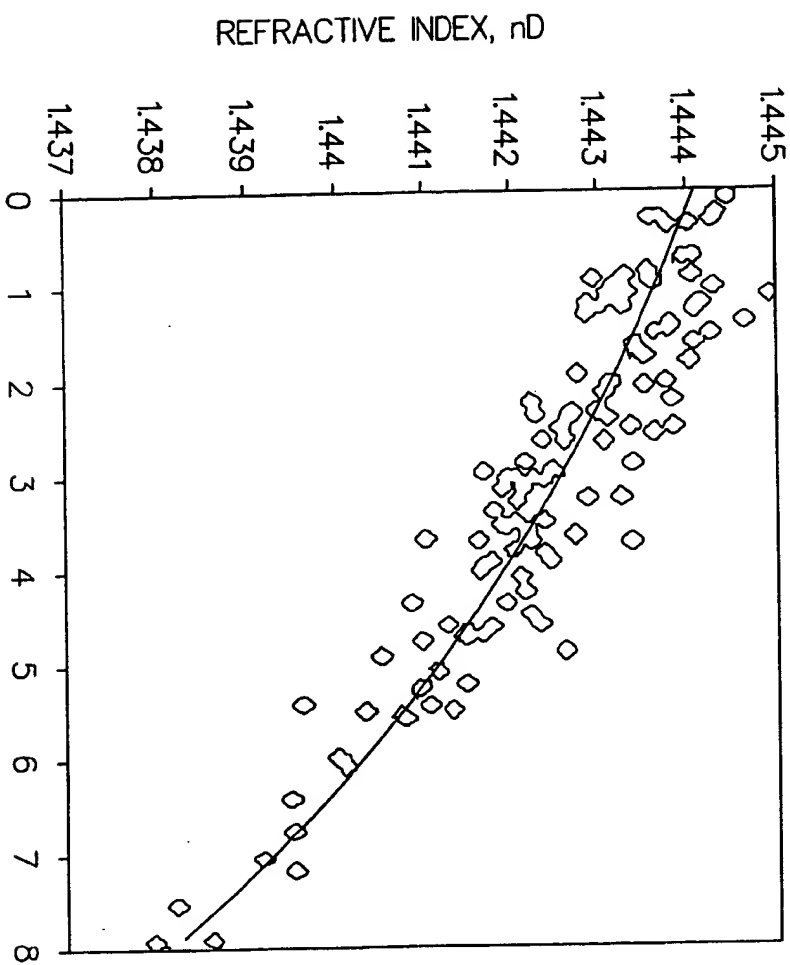


FIG. 8
KARL FISCHER

----- HIGH TEMP DOT 3
 ----- USED FLUID
 ----- DOT 3



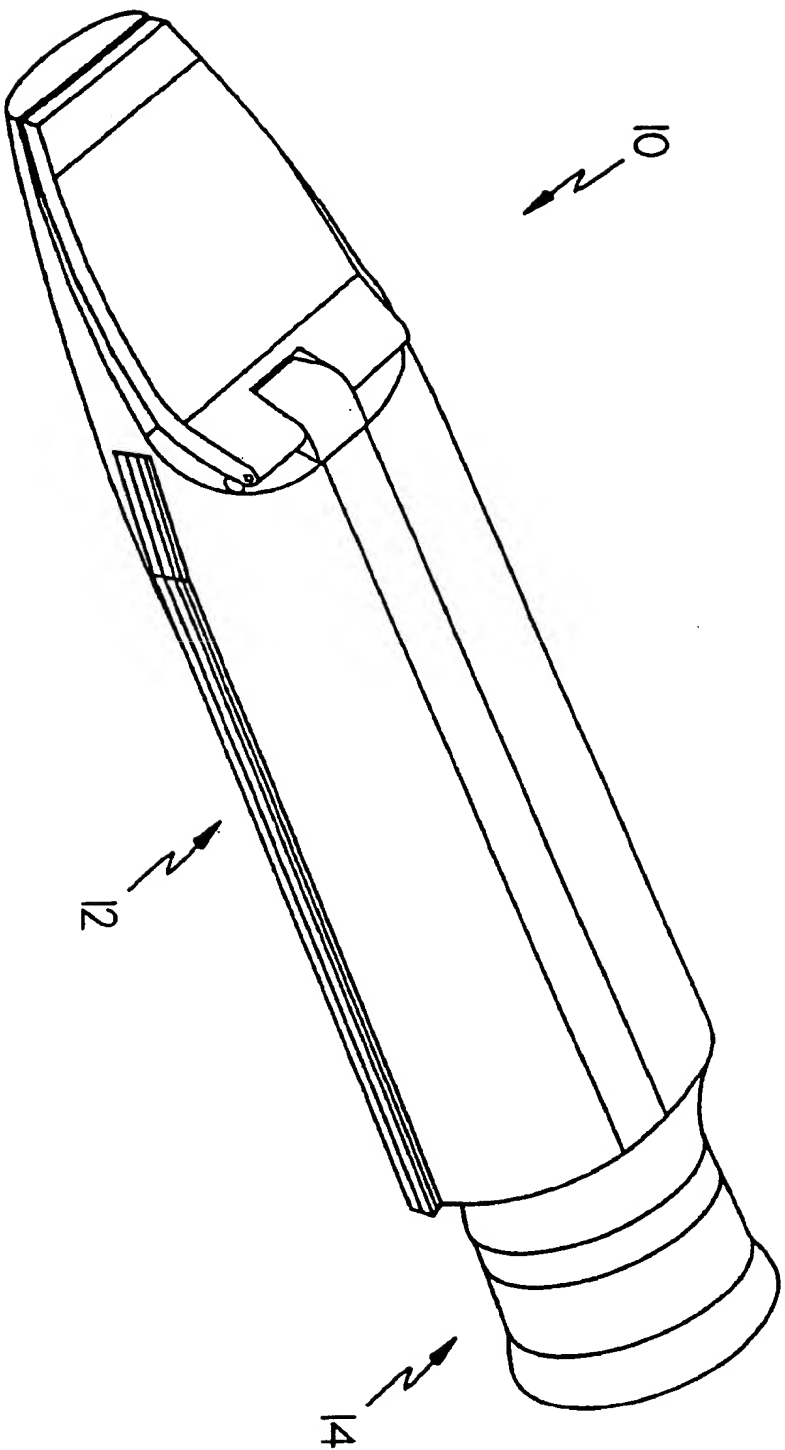
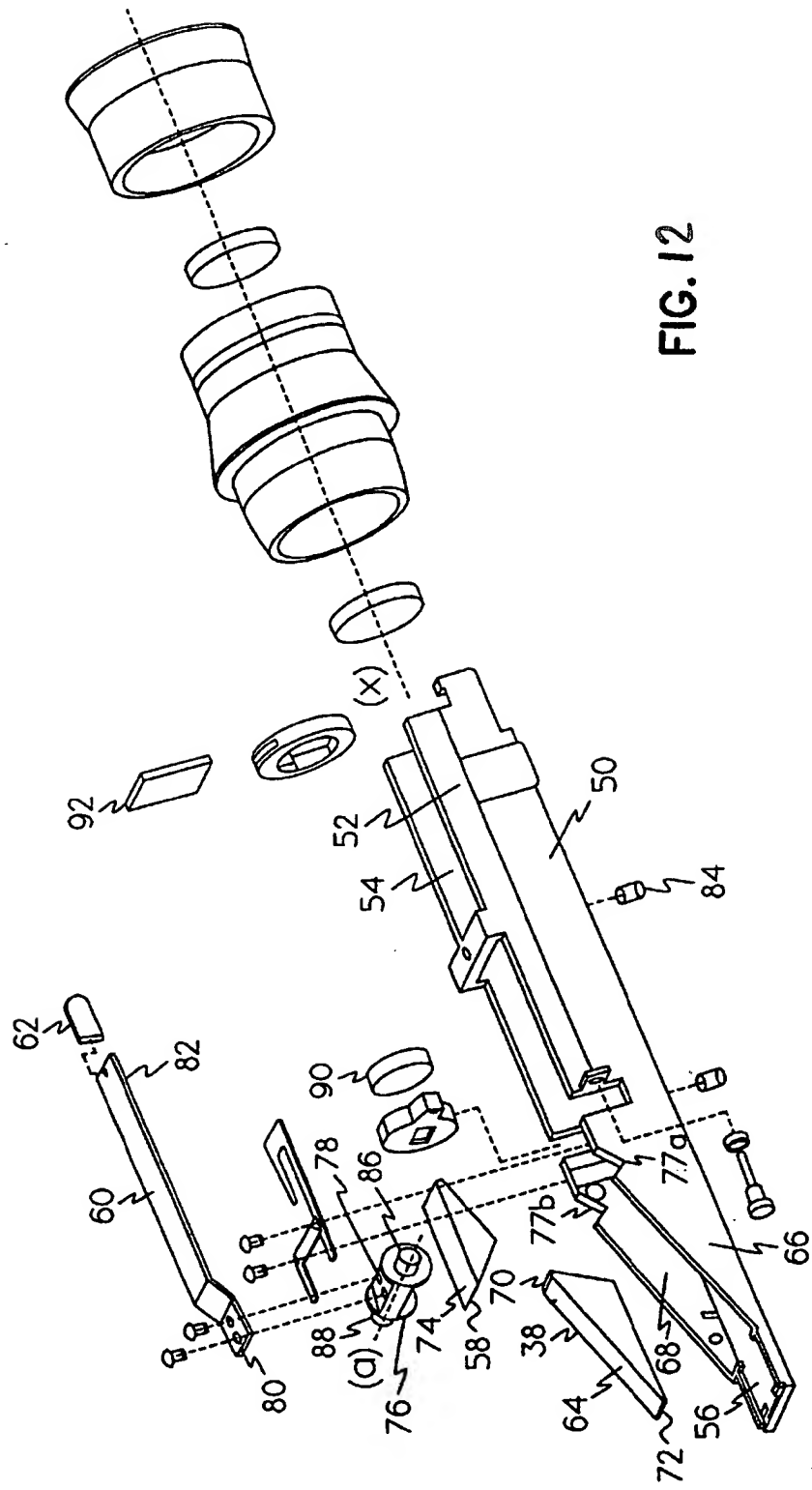


FIG. 10



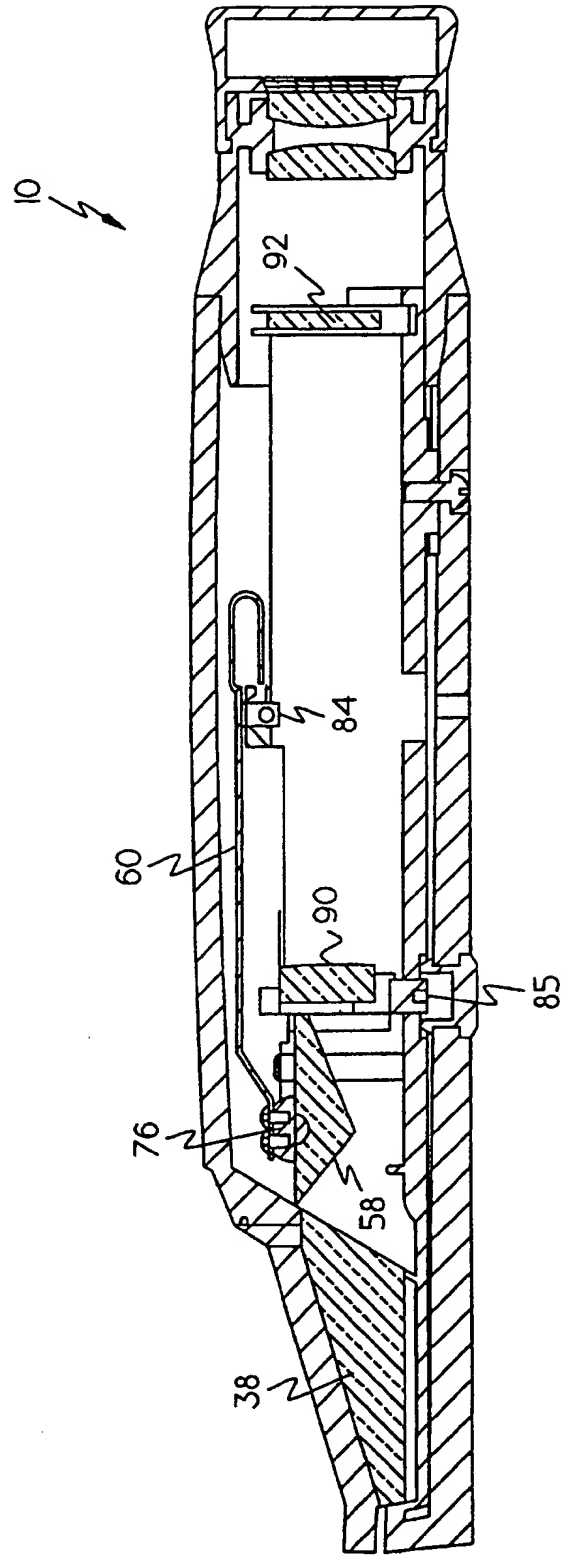


FIG. 13 A

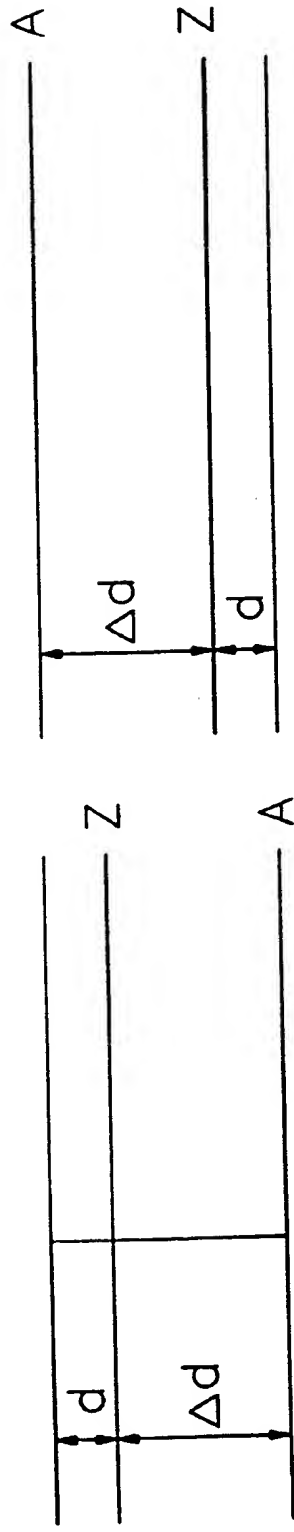


FIG. 13 B

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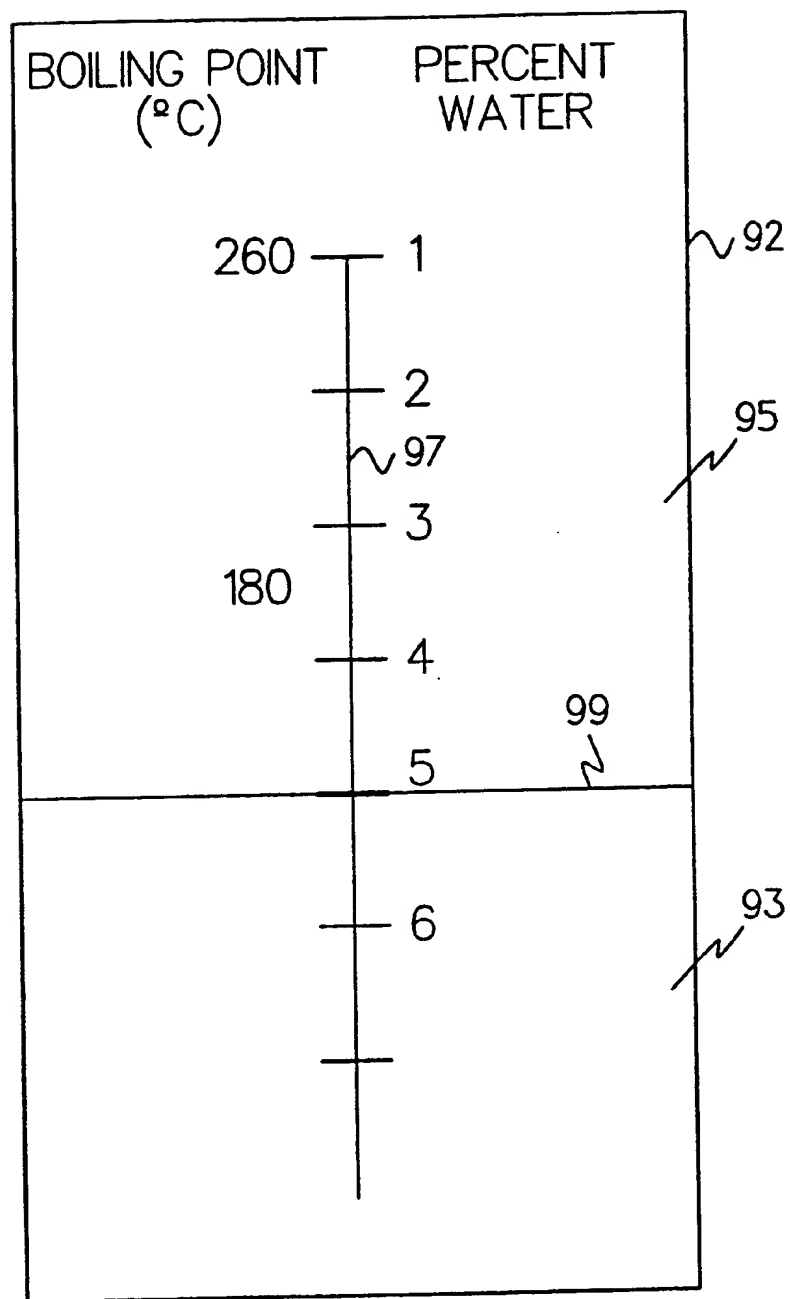


FIG. 13 C

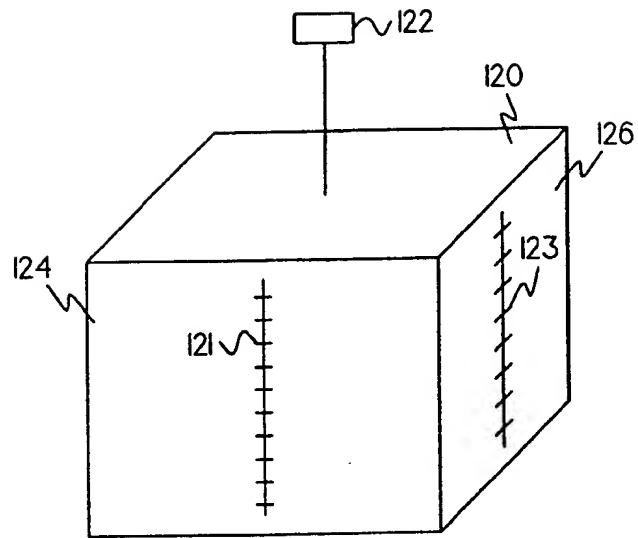


FIG. 13D

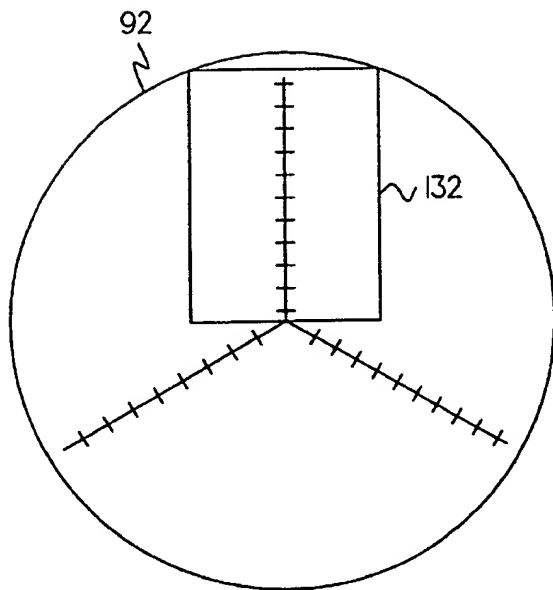


FIG. 13E

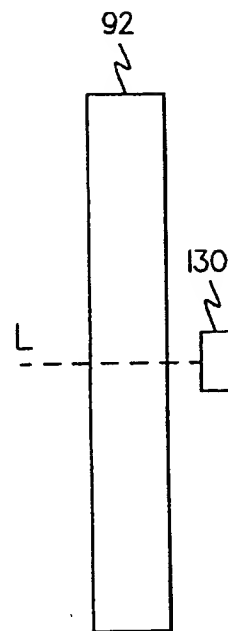


FIG. 13 F

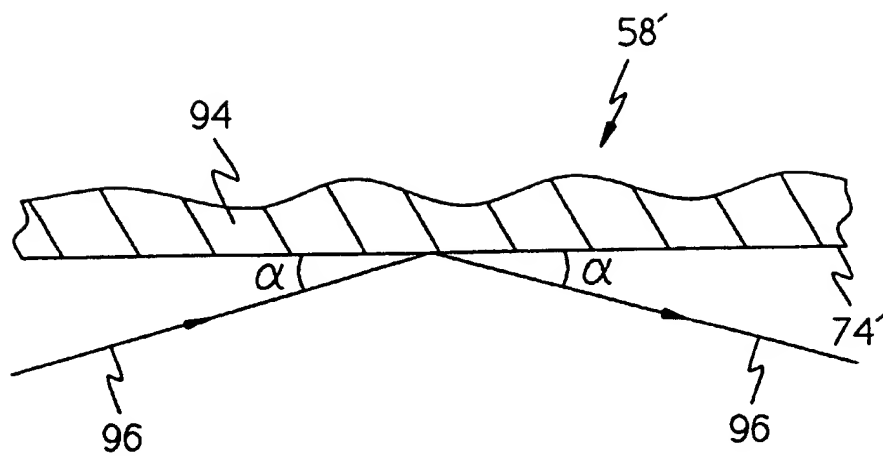


FIG. 14 A

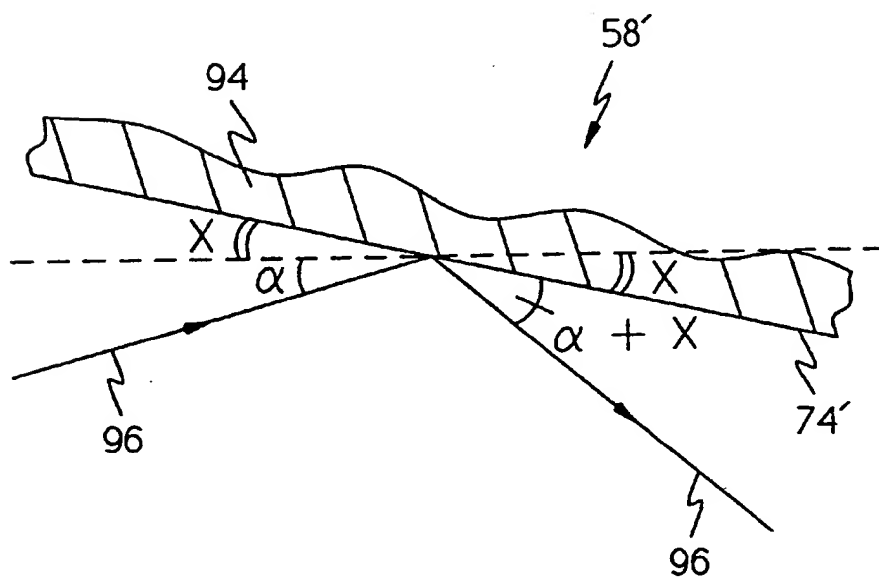


FIG. 14 B

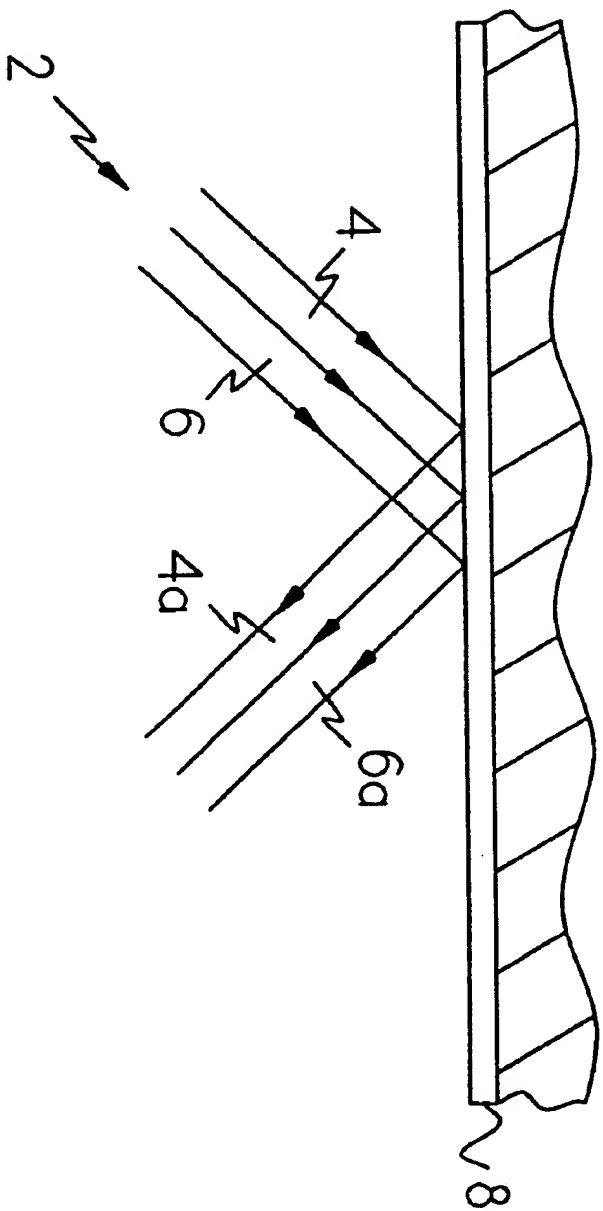


FIG. 15

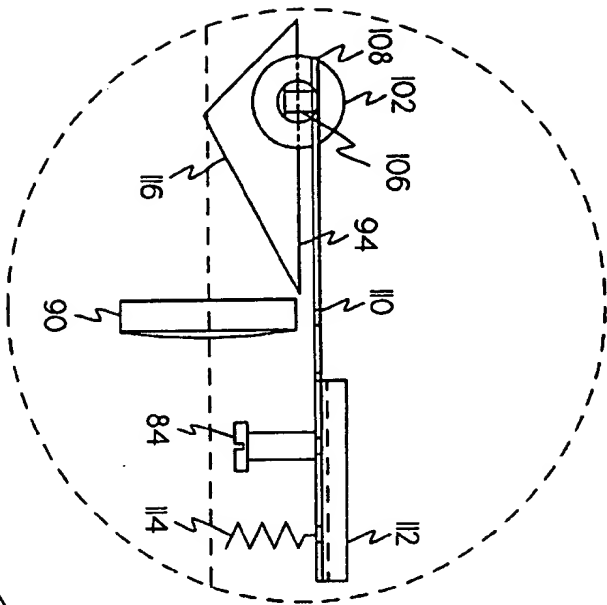


FIG. 16A

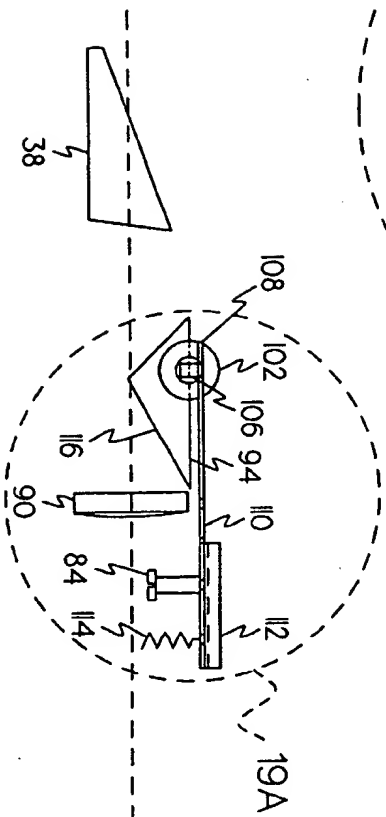
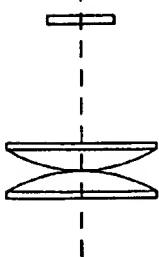


FIG. 16B



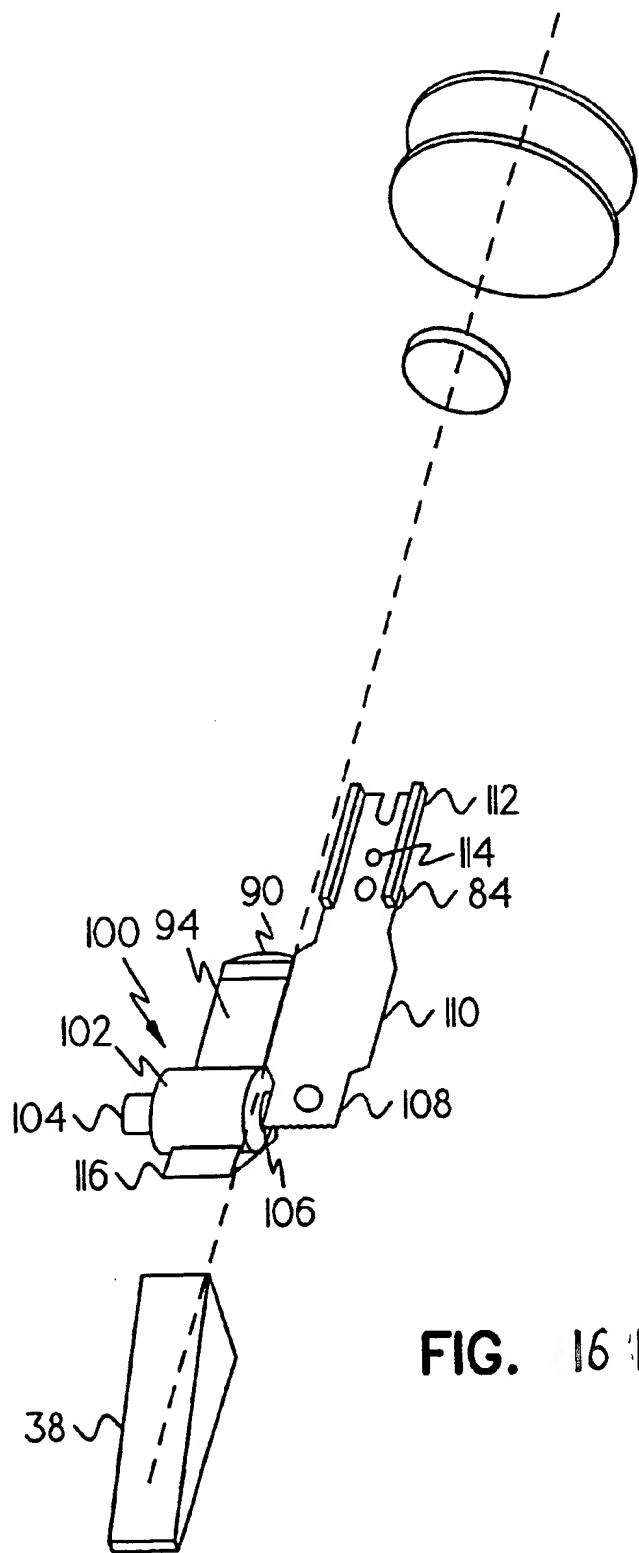


FIG. 16 D

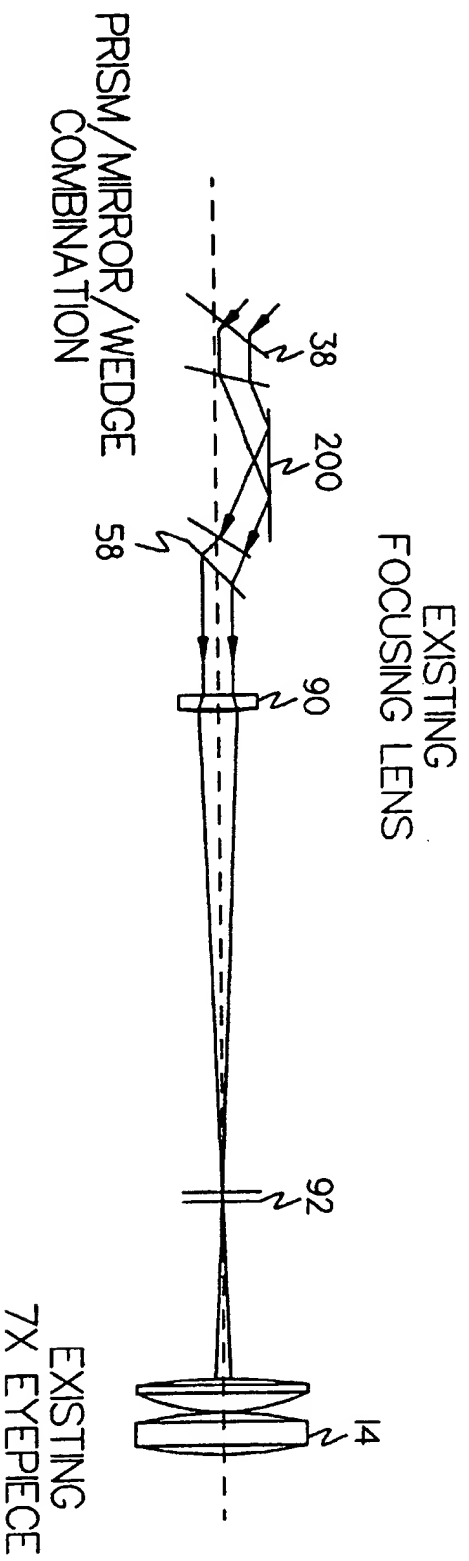


FIG. 17

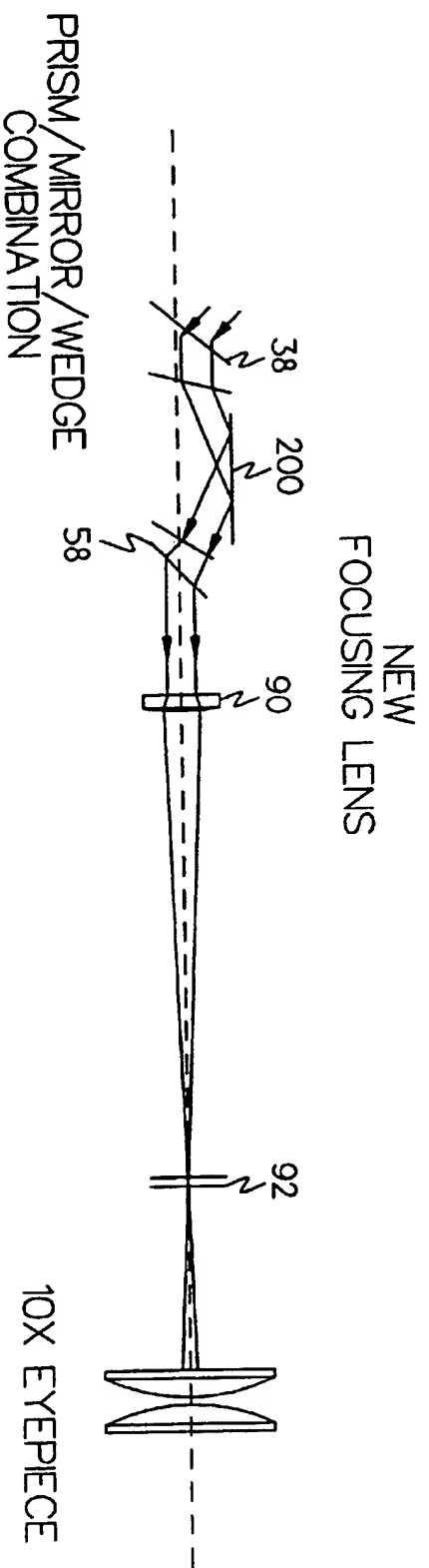


FIG. 18

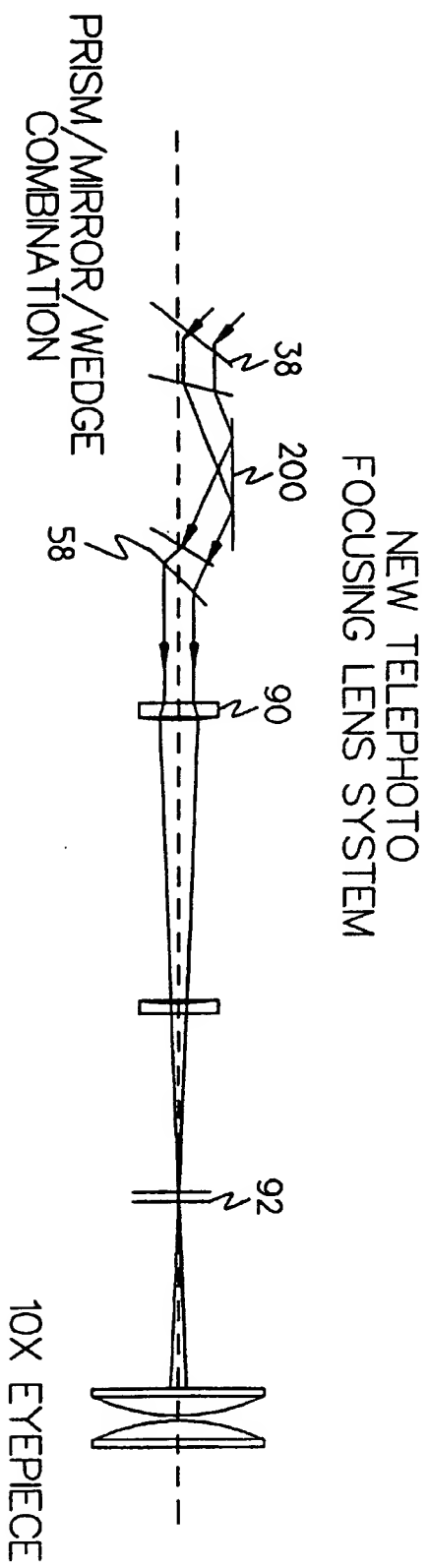


FIG. 19